

N-ARTKQTARKSTGGKAPRKQLATKAARKSAP

H3

\*\*GRGKGGKGLGKGGAKRHRKVLRDNIQGIT

\*\*GRGKGGKGLGKGGAKRHRKVLRDNIQGIT

- ACETYLATION
- ▲ METHYLATION
- \* PHOSPHORYLATION

Fig. 1

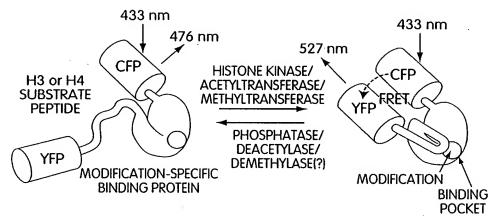


Fig. 2A

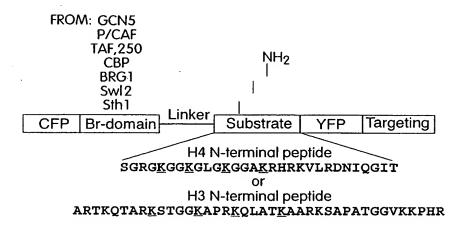


Fig. 2B

Ċ	CFP	Gons Bromodomain	nker H4 Peptide	/FP
	CFP-A206	K Gcn5:Bromodomain	nker H4 Peptide   YFP-	A206K
	CFP	TÄE Ä Bromodom.	nker H4 Peptide Y	FP
	CFP-A206	Li K TAR A Biomodom	nker H4 Peptide YFP-	A206K
	CFP	TAR B Bromodom	nker H4 Peptide Y	FP
	CFP-A206	KTAF BBromodom	nker H4 Peptide   YFP-	A206K
	CFP TAKA	Bromodom TAF B/Brom	Linker H4 Peptio	de YFP
CFP	-A206K TAE A	Bromodom IAF BBrom	Linker H4 Peptio	de YFP-A206K

Fig. 3A

CFP-A206K

CFP 14.3.37

Linker H3 Peptide YFP-A206K

Linker H3 Peptide YFP-A206K

CFP 14.3.37

Linker H3 Peptide YFP-A206K

CFP-A206K

Linker H3 Peptide YFP-A206K

Linker H3 Peptide YFP-A206K

CFP 14.3.37

Linker H3 Peptide Linker

CFP 14.3.37

Linker H3 Peptide YFP-A206K

Fig. 3B



Fig. 4A

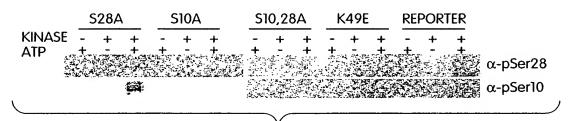
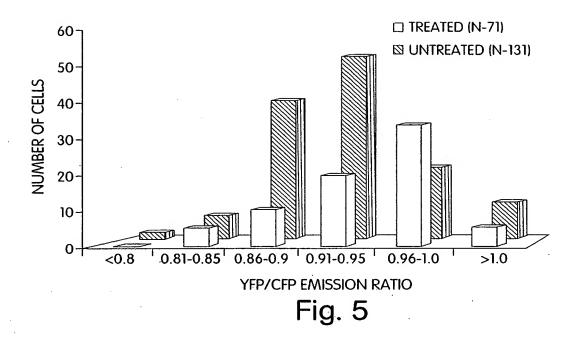


Fig. 4B



GSTSGSGKPGSGEGSTGAGGAGSTSGSGKPSGEG

CFP TAF Bromodomain Linker H4 Peptide YFP

SGRGKGGKGLGKGGAKRHRKVLRDNIQGIT
5 8

Fig. 6

